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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

MAR 1 4 2005

In re Application of: Tarvin, Jeffery A. et al.

Group Art Unit: 2857

Serial No.: 10/711,918

Examiner:

Filed: October 13, 2004

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For:

SYSTEM AND METHOD TO

INTERPRET DISTRIBUTED TEMPERATURE SENSOR DATA AND

TO DETERMINE A FLOW RATE IN A

WELL

Atty. Docket: 101.0166

Mail Stop Missing Parts Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 CERTIFICATE OF TRANSMISSION 37 C.F.R. 1.8

I hereby certify that this correspondence was transmitted by facsimile to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 at 703-872-9306 on the date below:

March 14, 2005

PRELIMINARY AMENDMENT

Dear Sir:

In response to the Notice of Omitted Item(s) in a Nonprovisional Application mailed January 19, 2005, please amend the application as follows before examination: